I. M. BOND.

GARMENT FITTER.

APPLICATION FILED OCT. 6, 1909. RENEWED JULY 27, 1910.

986,041.

Patented Mar. 7, 1911.

2 SHEETS—SHEET 1

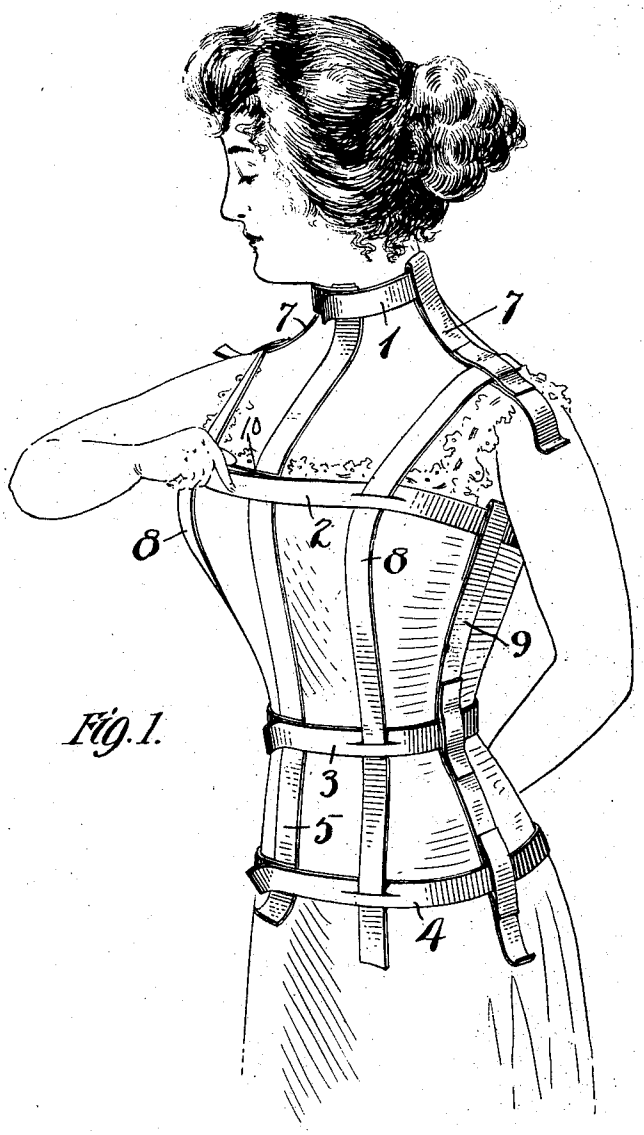

Fig. 1.

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2 SHEETS—SHEET 2.

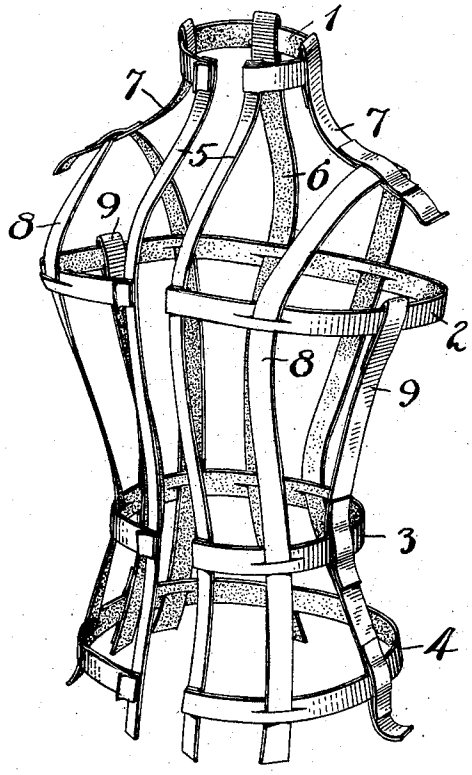

Fig. 2.

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GARMENT-FITTER.

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To all whom it may concern:

Be it known that I, IDA M. BOND, a citizen of the United States, residing at Forest Hill, county of Essex, State of New Jersey, have invented certain new and useful Improvements in Garment-Fitters, of which the following is a full, clear, and exact description.

My invention relates to a new and improved apparatus for measuring the human form, the same being particularly useful for the measurement of clothing.

In the accompanying drawings I have shown the apparatus as applied to the measurement of a lady's waist.

By the present improvement it is unnecessary for a person to employ any graduated measure in determining the proper measurements at various points, a skeleton model of the figure being formed directly on the body which later may be set up and measured by the one who is to make the garment.

The construction and operation of my improved measuring apparatus will best be understood by reference to the accompanying drawings, in which,

Figure 1 is a perspective view of my improved measuring apparatus as applied to the human figure. Fig. 2 represents the same apparatus removed from the figure.

The apparatus comprises a plurality of correlated strips of non-metallic material extending vertically and horizontally, all of which may be secured together at the proper points, whereby at a later time measurements may be taken therefrom. These strips are preferably formed of strong paper preferably gummed on one side at the crossing points, some suitable adhesive agent being preferably employed to secure the various strips in their proper fitted position.

In the drawings 1 represents a neck-band, 2 a bust-band, 3 a waist-band and 4 a hip-band. These bands extend transversely around those parts of the body where it is desired to ascertain the corresponding measurements. Suspended from the neck-band 1 are a suitable number of bands which not only furnish the longitudinal measurements but also serve to support the bands 2, 3, and 4 at the proper elevation. These depending bands in the present instance comprise the center front-band 5, a center rear-band 6 and two shoulder bands 7—7. Depending from each shoulder-band 7—7 is a shoulder-strap 8, said shoulder-strap extending down the front and back of the wearer and being connected with the bands 2, 3 and 4. Depending from the bust-band 2 and at opposite sides of the wearer (under the arms) are what I term the under-bands 9—9, which connect with the bands 3 and 4. It will be observed that in all the above instances all of the bands with a single exception are adjustable upon one another in two directions whereby they may be moved to any desired position and there secured. The center front-band 5 is at the outset preferably rigidly connected to one end of the several transverse bands 1, 2, 3 and 4. The one who is to be measured simply slips the skeleton apparatus over the shoulders and around the neck and body and then secures by suitable adhesive material as at 10 the transverse strips, arranged to go around the body at the proper elevation, firmly fastening the ends of said bands at a suitable point preferably in front. The longitudinal strips, arranged to go up and down the body, are then placed in proper position. These strips are first secured to the neck-band 1 and placed in proper position on the body. When all these have been placed in the proper position, they are secured to the transverse bands. Quite a wide range of adjustment is permitted in two directions by the slip joints at the various crossing points. When all of the bands and straps have been placed in the proper position and firmly secured, the skeleton form is then slit, as by a pair of shears, from and through the lowermost marginal band to and through the uppermost marginal band, after which the model is removed from the body. This model form may then be sent to the one who is to make the garment where it may be set up on a suitable dummy figure and measured by an experienced measurer.

The invention is of very great value where persons, having garments made to order, are located at remote distances from the manufacturer or maker. At the present time under such conditions, it is necessary for the one to be fitted to take his or her own measurements and mistakes frequently occur. Such mistakes are prevented by the use of my improved adjustable skeleton form or model. It is obvious that this system may be employed in measuring for any article of wearing apparel and may be used by either sex.

It is obvious that it is not essential to apply the adhesive material to all of the bands nor to the entire length of any one of the bands, it being merely preferable to have a sufficient length of one of the bands at the slip joints thus gummed, where gum is to be employed as the connecting medium.

What I claim is:

An adjustable garment fitting device comprising a plurality of non-metallic strips including bands arranged to go around the body and strips arranged to go lengthwise of the body, all of said strips being connected, certain of said strips being connected by slip joints for the purposes of adjustment and means for fixedly securing said bands together at said slip joints when said bands have been adjusted at such points, said means comprising adhesive material whereby all said strips and bands may be fixedly secured at any position of adjustment and whereby said form may be slit longitudinally at any point without injury to any fixed adjustment.

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